



INTERNATIONAL PARTNERSHIP FOR HYDROGEN AND FUEL CELLS IN THE ECONOMY



European Hydrogen Week Hybrid Side Event

Wednesday, 22 November 2023
14:30 – 16:30 (Central European Standard Time, GMT+1)
In person: Room 1125 (second floor), Brussels Expo
Virtual: Zoom

Skills and Workforce Development for the Hydrogen Economy: International Perspectives from Members of the IPHE Hydrogen Skills Task Force

Outline

A capable workforce is required to drive and sustain the growing hydrogen economy. Several countries have embarked on efforts to identify the skills and the scale of workforces required, and are putting in place initiatives to develop hydrogen workforces. In this session, representatives of members of the IPHE Hydrogen Skills Task Force across three continents will outline how their countries are approaching hydrogen skills and workforce development, the lessons learned and key questions that still need to be answered about hydrogen workforce development. The intent of this knowledge sharing session is to enable policy makers and other hydrogen value chain stakeholders to learn from the experiences of other countries to inform their own hydrogen skills development efforts and to communicate their needs and experiences with regard to hydrogen skills and workforce development. The insights gained from this session will also be a key input to the work of the IPHE Hydrogen Skills Task Force which is developing a series of resources to assist countries to streamline and complement their hydrogen skills and workforce development efforts individually and collectively to strengthen the current and build the future global hydrogen workforce.

Format

The session will be a hybrid event and is open to for in-person attendance by European Hydrogen Week delegates (max. 40 participants) and virtual participants from all countries. The event is expected to be of interest to policy makers and other government officials focusing on the hydrogen economy or skills development, as well as representatives from industry, education and training institutions, and international organisations involved in skills and workforce development

Organisers

The IPHE Hydrogen Skills Task Force is co-chaired by representatives from Costa Rica and South Africa and has members from Canada and the EU. The event is co-hosted by the IPHE Hydrogen Skills Task Force, the Department of High Education and Training and Department of Science and Innovation of South Africa. Event queries can be addressed to ipheskills@green-cape.co.za.

Link for event registration: <https://forms.gle/wMpLWWU6iiDYssK49>



Higher Education and Training
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Programme

14:30-14:40 **Welcome and Opening Remarks**

- Dr Rebecca Maserumule, Chair, International Partnership for Hydrogen and Fuel Cells in the Economy (IPHE) (virtual)
- Maarten Noeninckx, Head of Delegation: Belgium, International Partnership for Hydrogen and Fuel Cells in the Economy (virtual)

14:40-14:45 **Context, goals, and brief introduction to the IPHE Hydrogen Skills Task Force**

- Lauren Basson, Co-lead IPHE Hydrogen Skills Task Force, GreenCape (South Africa)

14:45-15:45 **Country perspectives**

Europe

- Julia Cora, Project Manager, Hydrogen Europe Research, EU
- Sophie Sauerteig, Senior Policy Advisor, Department for Energy Security and Net Zero, United Kingdom
- Justine Fosh, Co-lead, Hydrogen Skills Alliance / CEO, Cogent Skills, United Kingdom (virtual)

Africa

- Mamphokhu Khuluvhe, Director of System Monitoring and Labour Market. Intelligence, Department of Higher Education and Training, South Africa
- Tshwanelo Rakaibe, Project Manager, Council for Scientific and Industrial Research, South Africa

The Americas

- Trevor Rous, Program Officer, Emissions Reduction Fund, Natural Resources Canada (virtual)
- Franklin Chang Díaz, CEO, Ad Astra Rocket Company / President, Strategy for the 21st Century / Co-lead IPHE Hydrogen Skills Task Force, Costa Rica (virtual)

15:45-15:00 **International Organisation Initiatives and Perspectives**

United Nations Industrial Development Organisation (UNIDO)

- Petra Schwager, Chief – Climate and Technology Partnerships Division, Directorate on SDG Innovation and Economic Transformation

16:00-16:20 **Q and A and perspectives from physical and virtual attendees**

16:20-16:25 **Summary of some key insights from the session**

- Lauren Basson, GreenCape, Co-lead IPHE Hydrogen Skills Task Force (South Africa)

16:25-16:30 **Closing**

- Franklin Chang Díaz, Co-lead, IPHE Hydrogen Skills Task Force (Costa Rica) (virtual)
- Cosmas Chiteme, Acting Chief Director: Hydrogen and Energy, Department of Science and Innovation (DSI), South Africa (co-host)